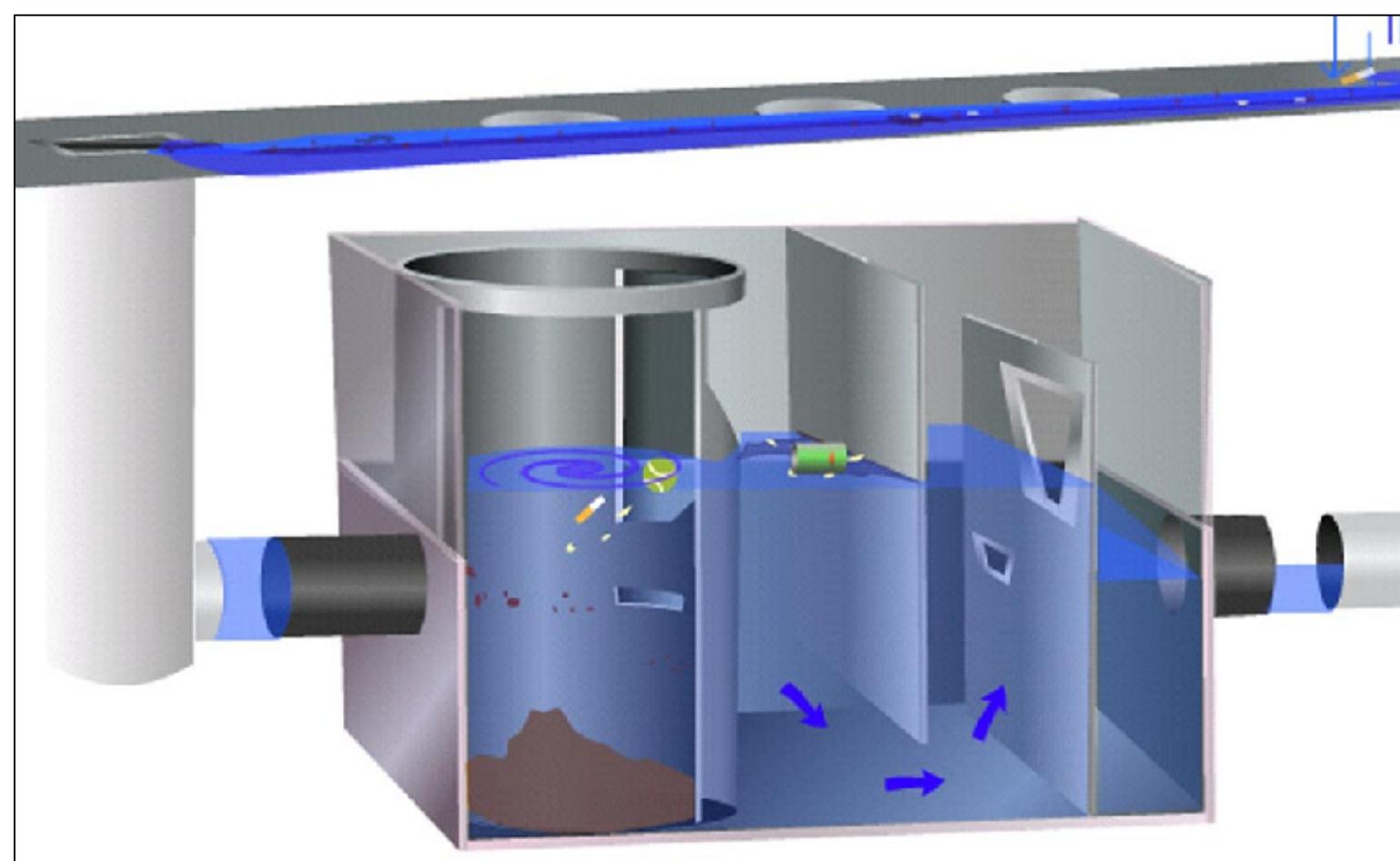




SUFFOLK COUNTY DEPARTMENT OF PUBLIC WORKS BEST MANAGEMENT PRACTICES

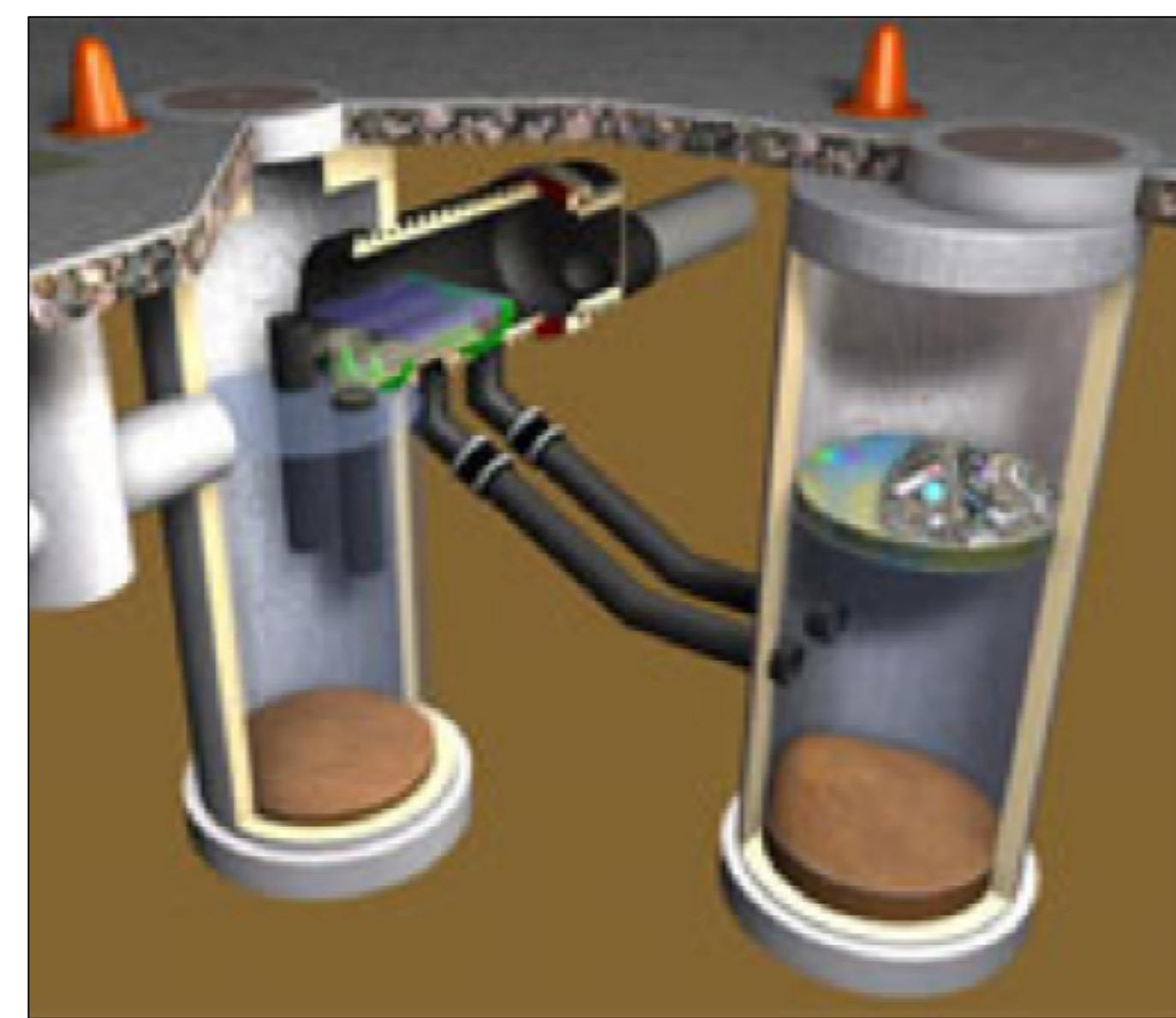
STEVE LEVY
SUFFOLK COUNTY EXECUTIVE

STORMWATER TREATMENT UNIT Vortechs™ Unit



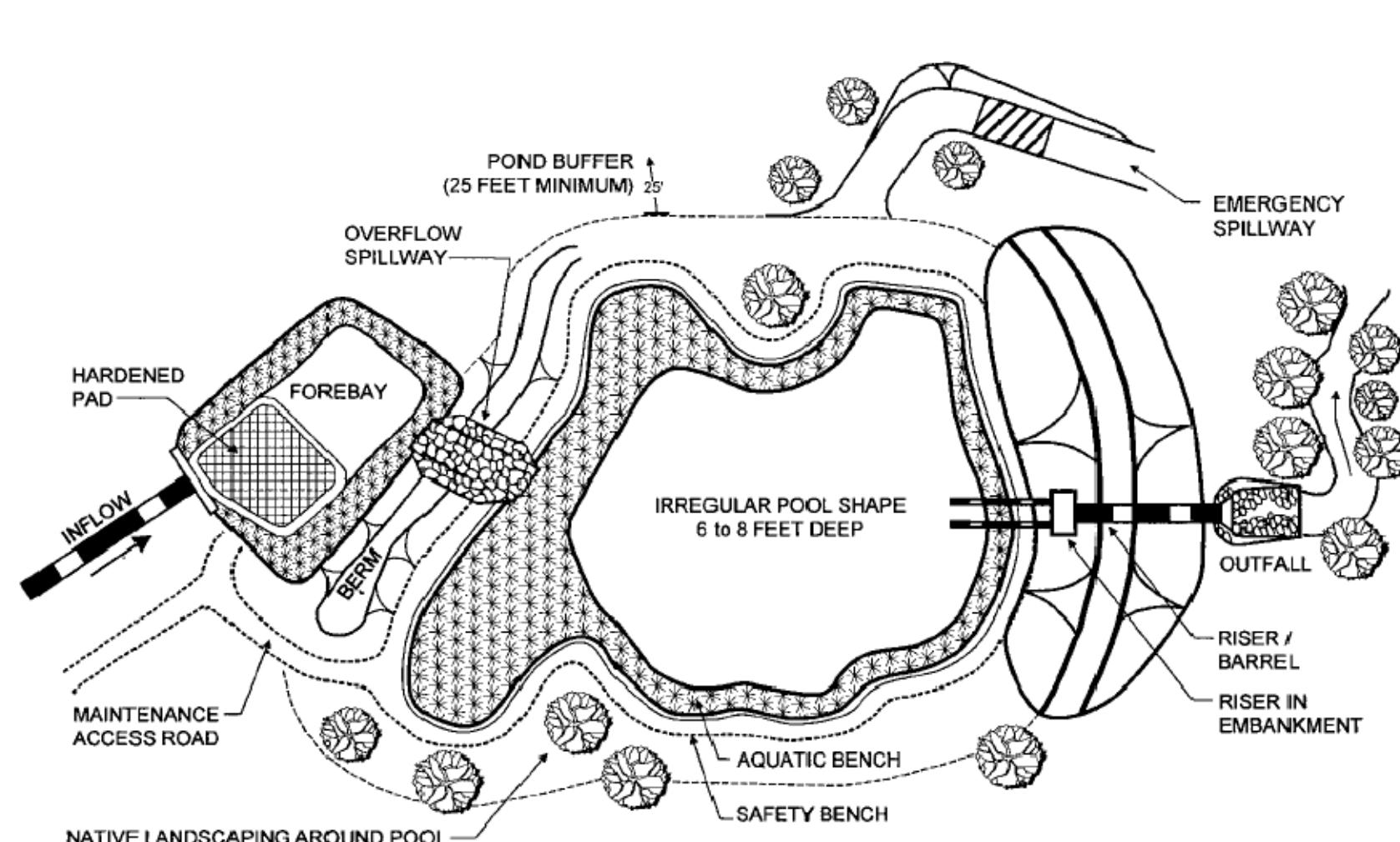
The EPA award-winning design of the Vortechs System efficiently removes contaminated sediment, floating hydrocarbons, and debris from stormwater. The grit chamber and flow controls work together to eliminate turbulence and provide positive removal efficiencies throughout the full range of operation.

STORMWATER TREATMENT UNIT BaySaver® Unit



This system operates simply by using gravity flow and density differences to capture runoff pollutants. Sediment, trash, and debris are removed from the runoff and stored in separate manholes for easy removal and maintenance.

Retention Pond



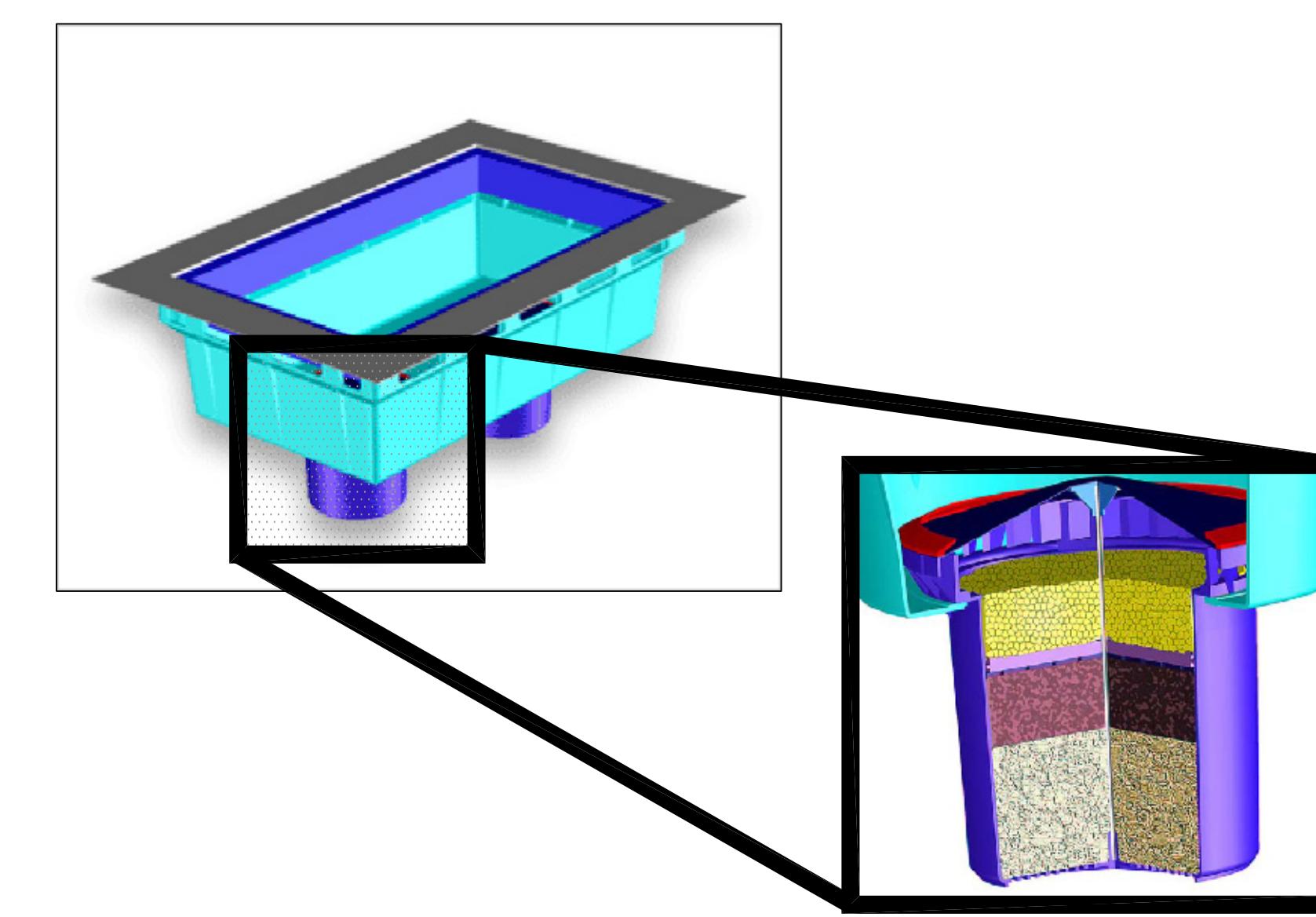
Retention Ponds are designed to collect stormwater runoff from a drainage system, prior to discharging to a surface water body. Retention Ponds are typically designed to allow suspended solids to settle, and utilize native wetland landscaping to minimize pollutant loading added to groundwater or surface water.

Infiltration Basins



These structural Best Management Practices (or BMPs) collect stormwater runoff in a manner similar to a typical catch basin. However, instead of being directed into a piping system, stormwater runoff is allowed to infiltrate through the soil where pollutants are dissipated.

Catch Basin Inserts



These treatment units are installed directly into existing catch basins. They function by directing the flow of stormwater through a pollutant-absorbing media, before allowing the flow to enter the drainage system.